

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2004/000251

A. CLASSIFICATION OF SUBJECT MATTER

A47C23/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED INT.CL⁷ A47C

Minimum documentation searched (classification system followed by classification symbols)

INT.CL⁷ A47C23/14 A47C23/12 A47C23/145 A47C23/26

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

CHINA JOURNAL

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNPAT、WPI、PAJ、EPODOC: hook, crook, hole, slot, jack, tubular, frame, board, wire, steelwire

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE3223321 A (Petersen,L) 24.Mar.1983 (1983-03-24) page 6-10 figure 1	1-3, 5-9, 12, 13
Y		4, 10, 11
Y	CN86204061 U (Zhu Qianhong) 09.Sep.1987 (1987-09-09) page 1-2 figure 1, 2	4, 10, 11
A	CN2216780 Y (Li Zhendong) 10.Jan.1996 (1996-01-10)	

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	
"E" earlier application or patent but published on or after the international filing date	
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"O" document referring to an oral disclosure, use, exhibition or other means	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search 14.06.2004	Date of mailing of the international search report 08 · JUL 2004 (08 · 07 · 2004)
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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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DE3223321	A	24-03-1983	SE8203725	A	16-12-1982
			DK264981	A	18-12-1982
			DK146495	B	24-10-1983
			DK146495	C	02-04-1984
			IT1153546	B	14-01-1987
CN86204061	U	09-09-1987		NONE	
CN2216780	Y	10-01-1996		NONE	